

2600541_1.TXT

SEQUENCE LISTING

<110> Mariscal-Gonzalez, Lorenza
Nava-Dominguez, Porfiro

<120> EMPLOYMENT OF ROTAVIRUS PROTEINS,
DERIVED PROTEINS AND PEPTIDES FOR THE MODULATION OF TISSUE
PERMEABILITY

<130> UHT1.001APC

<140> US 10/540,843

<141> 2005-06-27

<150> PCT/IB03/00280

<151> 2003-01-10

<160> 7

<170> FastSEQ for windows version 4.0

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<211> 776

<212> PRT

<213> Rhesus Monkey Rotavirus

<400> 1

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Val Thr Ile Asn Leu Gly Pro Phe Ala Gln Thr Gly Tyr Ala Pro Val
 35      40      45
Asn Trp Gly Pro Gly Glu Thr Asn Asp Ser Thr Thr Val Glu Pro Val
 50      55      60
Leu Asp Gly Pro Tyr Gln Pro Thr Ser Phe Asn Pro Pro Val Asp Tyr
 65      70      75      80
Trp Met Leu Leu Ala Pro Thr Ala Ala Gly Val Val Val Glu Gly Thr
 85      90      95
Asn Asn Thr Asp Arg Trp Leu Ala Thr Ile Leu Val Glu Pro Asn Val
100      105      110
Thr Ser Glu Thr Arg Ser Tyr Thr Leu Phe Gly Thr Gln Glu Gln Ile
115      120      125
Thr Ile Ala Tyr Ala Ser Gln Thr Gln Trp Lys Phe Ile Asp Val Val
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Lys Thr Thr Gln Asn Gly Ser Tyr Ser Gln Tyr Gly Pro Leu Gln Ser
145      150      155      160
Thr Pro Lys Leu Tyr Ala Val Met Lys His Asn Gly Lys Ile Tyr Thr
165      170      175
Tyr Asn Gly Glu Thr Pro Asn Val Thr Thr Lys Tyr Tyr Ser Thr Thr
180      185      190
Asn Tyr Asp Ser Val Asn Met Thr Ala Phe Cys Asp Phe Tyr Ile Ile
195      200      205
Pro Arg Glu Glu Glu Ser Thr Cys Thr Glu Tyr Ile Asn Asn Gly Leu
210      215      220
Pro Pro Ile Gln Asn Thr Arg Asn Ile Val Pro Leu Ala Leu Ser Ala
225      230      235      240
Arg Asn Ile Ile Ser His Arg Ala Gln Ala Asn Glu Asp Ile Val Val
245      250      255
Ser Lys Thr Ser Leu Trp Lys Glu Met Gln Tyr Asn Arg Asp Ile Thr
260      265      270
Ile Arg Phe Lys Phe Ala Ser Ser Ile Val Lys Ser Gly Gly Leu Gly

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Val	Ser	Thr	Leu	Thr	Asp	Ser	Leu	Ser	Asp	Ala	Ala	Ser	Ser	Ile	Ser
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Arg	Gly	Ala	Ser	Ile	Arg	Ser	Val	Gly	Ser	Ser	Ala	Ser	Ala	Trp	Thr
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 <213> Rhesus Monkey Rotavirus

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 Val Thr Ile Asn Leu Gly Pro Phe Ala Gln Thr Gly Tyr Ala Pro Val
 35 40 45
 Asn Trp Gly Pro Gly Glu Thr Asn Asp Ser Thr Thr Val Glu Pro Val
 50 55 60
 Leu Asp Gly Pro Tyr Gln Pro Thr Ser Phe Asn Pro Pro Val Asp Tyr
 65 70 75 80
 Trp Met Leu Leu Ala Pro Thr Ala Ala Gly Val Val Val Glu Gly Thr
 85 90 95
 Asn Asn Thr Asp Arg Trp Leu Ala Thr Ile Leu Val Glu Pro Asn Val
 100 105 110
 Thr Ser Glu Thr Arg Ser Tyr Thr Leu Phe Gly Thr Gln Glu Gln Ile
 115 120 125
 Thr Ile Ala Tyr Ala Ser Gln Thr Gln Trp Lys Phe Ile Asp Val Val
 130 135 140
 Lys Thr Thr Gln Asn Gly Ser Tyr Ser Gln Tyr Gly Pro Leu Gln Ser
 145 150 155 160
 Thr Pro Lys Leu Tyr Ala Val Met Lys His Asn Gly Lys Ile Tyr Thr
 165 170 175
 Tyr Asn Gly Glu Thr Pro Asn Val Thr Thr Lys Tyr Tyr Ser Thr Thr
 180 185 190
 Asn Tyr Asp Ser Val Asn Met Thr Ala Phe Cys Asp Phe Tyr Ile Ile
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 210 215 220
 Pro Pro Ile Gln Asn Thr Arg
 225 230

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 <213> Rhesus Monkey Rotavirus

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 20 25 30
 Lys Ile Tyr Thr Tyr Asn Gly Glu Thr Pro
 35 40

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 Val Val Lys Thr
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